

Certificate of Analysis

Date of Testing: 2022-11-07 11:42:59
Date of Next Testing: 2025-11-06 11:42:59
Product Name: **Graphene**
CAS Number: 1034343-98-0
Specifications & Purity: High purity grade , > 98 %
Lot #: J2227497
SKU #: **G302114**
Analysis: 152366
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Thickness	1-3 (nm)	2.10 nm
Layers	< 3	2.00
Purity	98-100 (%)	98.00 %
Specific Surface Area	100-200 (m ² /g)	153.00 m ² /g
Scale	> 50 (μm)	60.00000 μm
Electrical conductivity	1000-1500 (S/m)	1240.00000 S/m
Tap density	5-10 (mg/ml)	8.70000 mg/ml
Appearance(G302114)	Black powder	black powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager